

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1. (currently amended) A color data conversion method for converting color data to color data inside a target color gamut, comprising:

determining whether color data before conversion is in a predetermined area in a vicinity of the target color gamut; and

converting the color data to be converted using a first color gamut conversion method when the color data is within the predetermined area of the target color gamut and using a second color gamut conversion method when the color data is outside the predetermined area of the target color gamut, and

wherein the first color gamut conversion method comprises a nearest boundary point method and the second color gamut conversion method comprises a chord clipping method.

2. (currently amended) A color conversion table for converting colors exhibited by a first device to colors which can be exhibited by a second device, wherein color data values which are registered in the color conversion table are generated using a color data conversion method comprising determining whether color data before conversion is in a predetermined area in the vicinity of a color gamut of the second device and converting the color data to be converted using a first color gamut conversion method when the color data is within the predetermined area of ~~at~~the target color gamut and using a second color gamut conversion method when the color data is outside the predetermined area of the target color gamut, and
wherein the first color gamut conversion method comprises a nearest boundary point method and the second color gamut conversion method comprises a chord clipping method.

3. (currently amended) A device driver of a second device for outputting colors exhibited by a first device as colors which can be exhibited by the second device, comprising a color conversion table in which color data values generated using a color data conversion method comprising determining whether color data before conversion is in a predetermined

area in the vicinity of a color gamut of the second device and converting the color data to be converted using a first color gamut conversion method when the color data is within the predetermined area of ~~at~~ the target color gamut and using a second color gamut conversion method when the color data is outside the predetermined area of the target color gamut, and wherein the first color gamut conversion method comprises a nearest boundary point method and the second color gamut conversion method comprises a chord clipping method.

4. (currently amended) A color data conversion apparatus for converting color data to color data inside a target color gamut, comprising:

a computer determining whether color data before conversion is in a predetermined area in the vicinity of the target color gamut and converting the color data to be converted using a first color gamut conversion method when the color data is within the predetermined area of the target color gamut and using a second color gamut conversion method when the color data is outside the predetermined area of the target color gamut, and

wherein the first color gamut conversion method comprises a nearest boundary point method and the second color gamut conversion method comprises a chord clipping method.

5. (currently amended) A computer-readable storage recording a program for causing a computer to execute a process, said process comprising:

determining whether color data before conversion is in a predetermined area in the vicinity of a target color gamut; and

converting the color data to be converted using a first color gamut conversion method when the color data is within the predetermined area of the target color gamut and using a second color gamut conversion method when the color data is outside the predetermined area of the target color gamut, and

wherein the first color gamut conversion method comprises a nearest boundary point method and the second color gamut conversion method comprises a chord clipping method.

6. (cancelled)

7. (currently amended) A method, comprising:
obtaining color data; and
converting the color data using a first color gamut conversion method when the color data is in a predetermined area defined outside the target color gamut and using a second color

gamut conversion method when the color data is outside the predetermined area and outside the target color gamut, and~~A method as recited in claim 6,~~

wherein the first color gamut conversion method comprises a nearest boundary point method and the second color gamut conversion method comprises a chord clipping method.